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CLAIMS

- 1. An ophthalmic composition which comprises
 3-hydroxybutyric acid and/or salts thereof as active
 ingredients and is used to treat tear dysfunction.
- 2. The composition of claim 1, wherein the treatment of the tear dysfunction is achieved by an improvement in the stability of the tear film and/or an improvement in the retention of tears on the keratoconjunctive.
- The composition of claim 2, wherein the improvement in the stability of the tear film is achieved by inhibition of evaporation of tear.
 - 4. The composition of claim 2, wherein the improvement in the stability of the tear film is achieved by an improvement in tear film breakup time.

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- 5. The composition of claim 2, wherein the improvement in the retention of tears is achieved by maintaining keratoconjunctive epithelium cells in a normal state and/or restoring the keratoconjunctive epithelium cells to the normal state.
 - 6. The composition of

claim 2, wherein the improvement in the retention of tears is achieved by maintaining the

30 microvilli/microvillus of keratoconjunctive epithelium cells in a normal state and/or restoring the microvilli/microvillus of the keratoconjunctive epithelium cells to the normal state.

- 7. The composition of claim 1, wherein the tear dysfunction is tear dysfunction without injuries on the keratoconjunctive.
- 5 8. The composition of claim 1, wherein the treatment of the tear dysfunction is inhibition of the occurrences of diseases caused by the tear dysfunction.
- 9. The composition of claim 8, wherein the treatment of the tear dysfunction is inhibition of the occurrences of diseases caused by the tear dysfunction without injuries on the keratoconjunctive.
- 10. The composition of claim 1, wherein the 15 concentration of 3-hydroxybutyric acid and/or salts thereof ranges from 0.8 to 800 mmol/l.
- 11. The composition of claim 1, wherein the concentration of 3-hydroxybutyric acid and/or salts thereof ranges from 10 to 150 mmol/l.
 - 12. A method for treating tear dysfunction which comprises applying the composition of any of claims 1 to 11 to a patient having tear dysfunction as eye drops in an amount effective in treating the tear dysfunction.

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- 13. Use of the composition of any of claims 1 to11 for treating tear dysfunction.
- 14. Use of the composition of any of claims 1 to 11 for treating the tear dysfunction of a patient without injuries on the keratoconjunctive and/or inhibiting the occurrences of diseases caused by the tear dysfunction.